

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055616.D
 Acq On : 17 May 2019 17:33
 Operator : JC/SP
 Sample : K2902-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FM-EA-RB01-051519

Quant Time: May 20 09:32:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

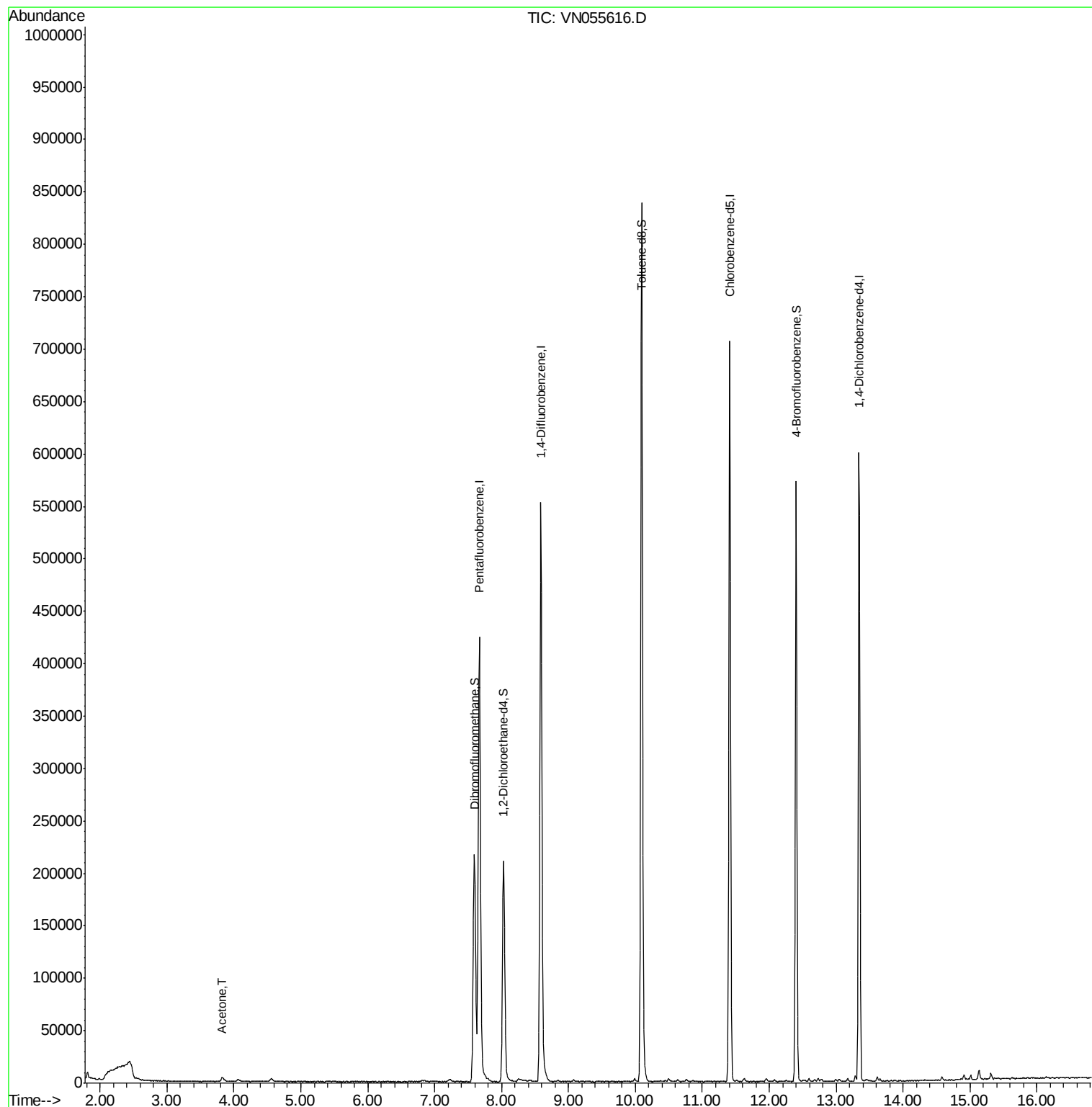
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	397765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	561028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	458131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	185487	42.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.08%	
35) Dibromofluoromethane	7.59	113	171810	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	10.09	98	643797	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.40	95	198730	42.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.42%	
Target Compounds						
16) Acetone	3.82	43	7241	4.069	ug/l	Qvalue 96

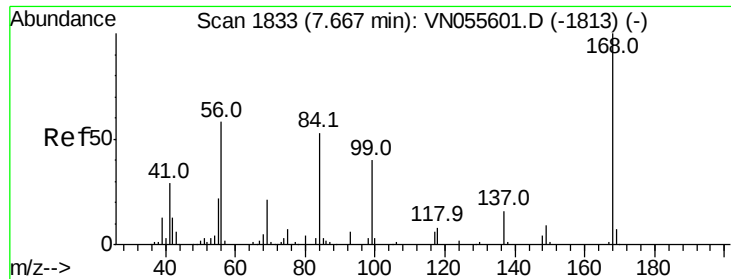
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055616.D

Acq: 17 May 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

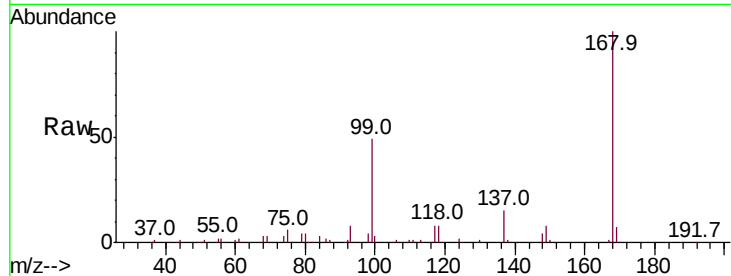
FM-EA-RB01-051519

Tot Ion:168 Resp: 397765

Ion Ratio Lower Upper

168 100

99 48.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055616.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055616.D (-1740) (-)

7.67

150000

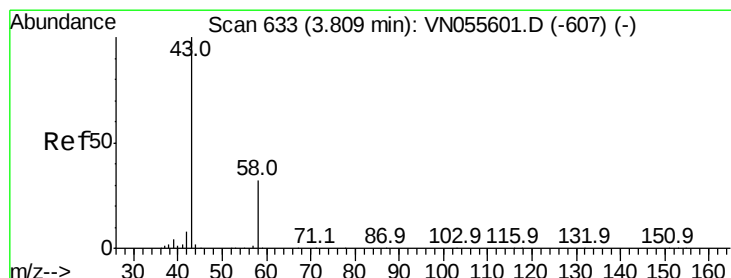
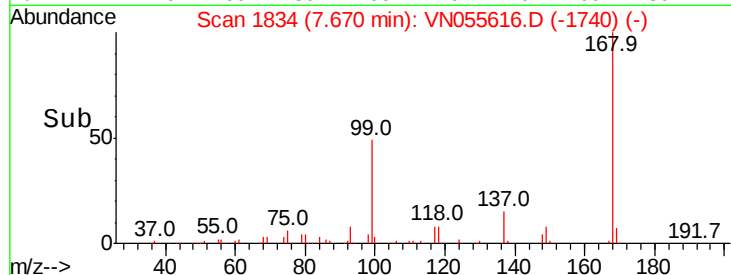
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 4.069 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055616.D

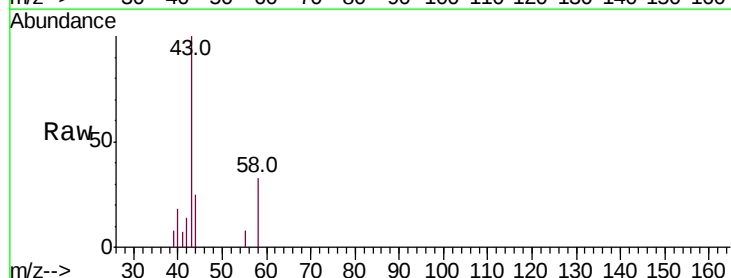
Acq: 17 May 2019 17:33

Tgt Ion: 43 Resp: 7241

Ion Ratio Lower Upper

43 100

58 34.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055616.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN055616.D (-540) (-)

3.82

2500

2000

1500

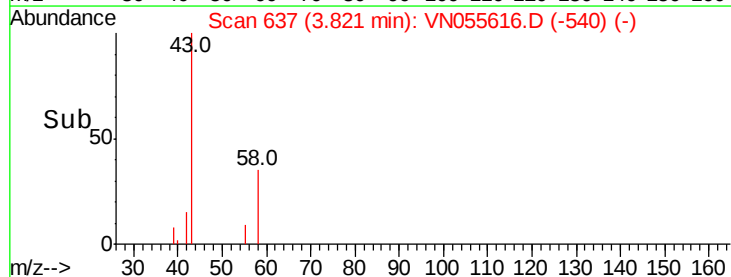
1000

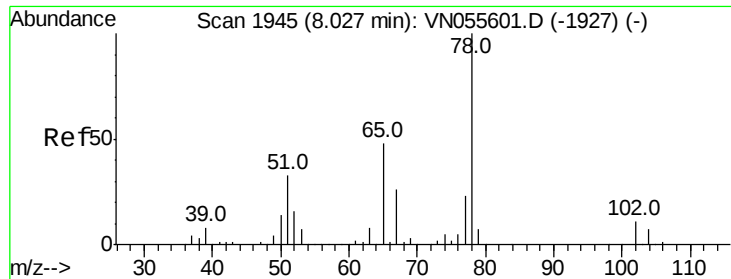
500

0

3.75 3.80 3.85 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 42.540 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055616.D

Acq: 17 May 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

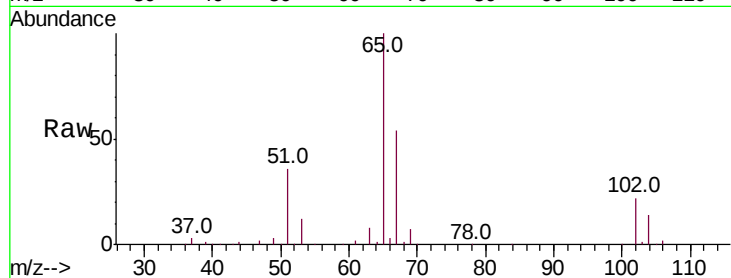
FM-EA-RB01-051519

Tot Ion: 65 Resp: 185487

Ion Ratio Lower Upper

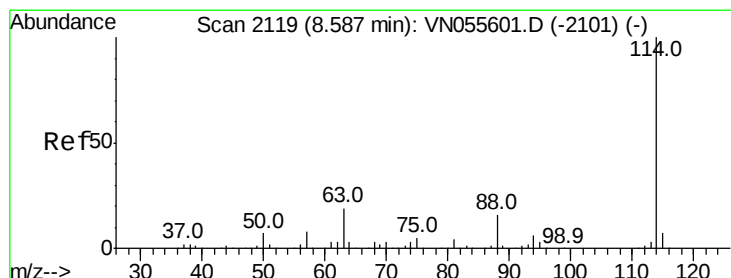
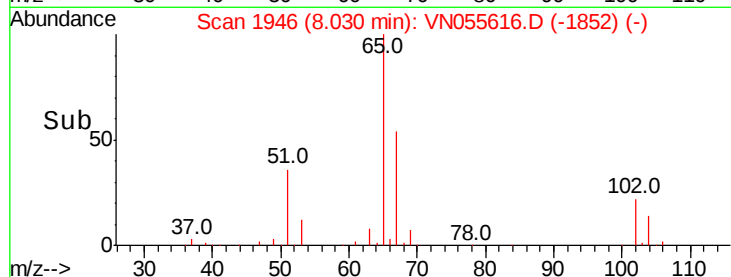
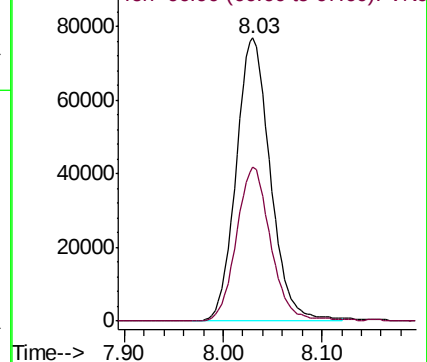
65 100

67 54.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055616.D

Acq: 17 May 2019 17:33

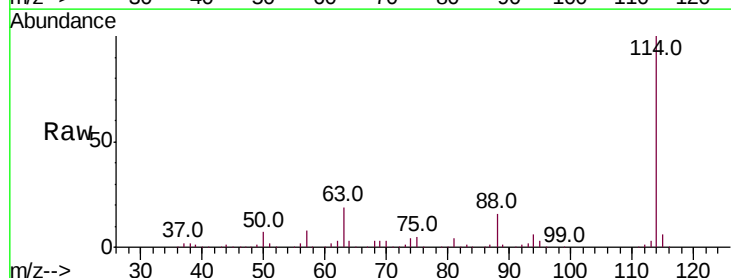
Tgt Ion:114 Resp: 561028

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.2

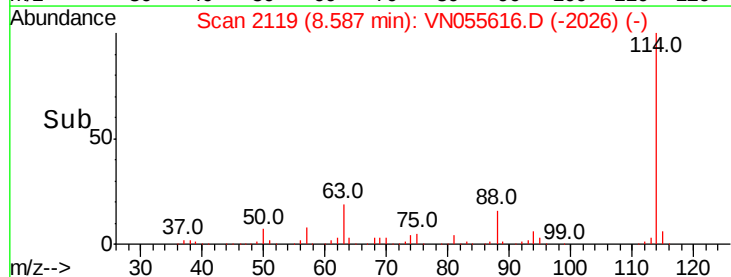
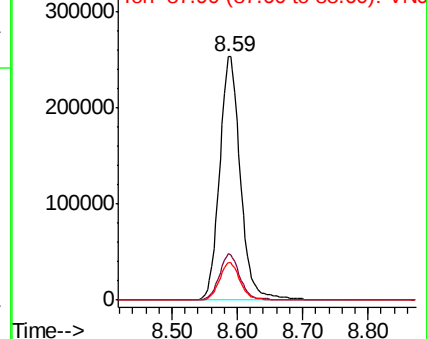
88 15.6 0.0 31.0

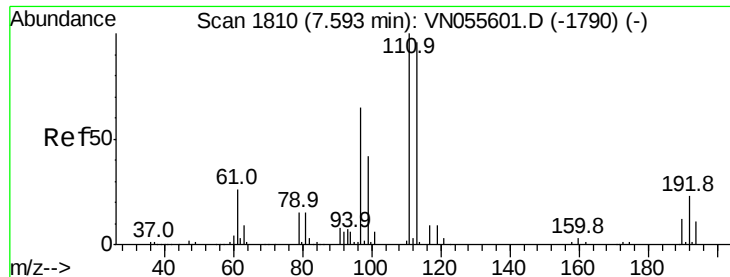


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

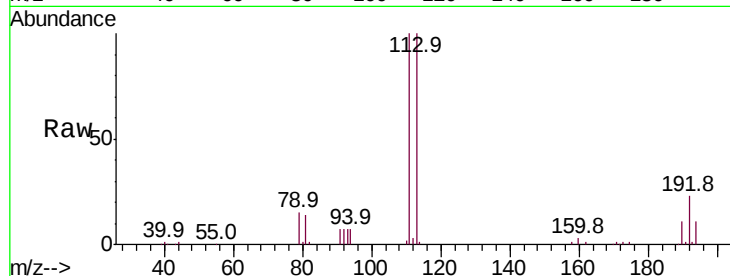




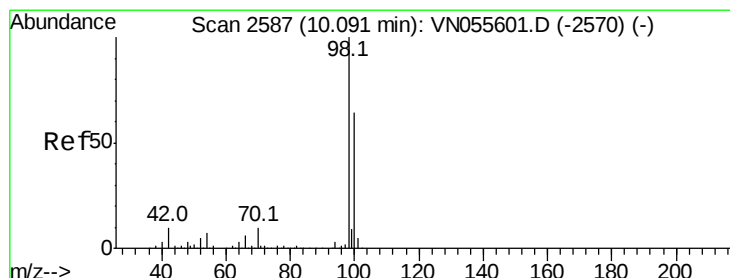
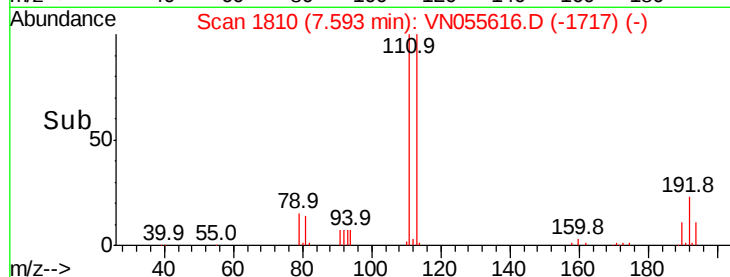
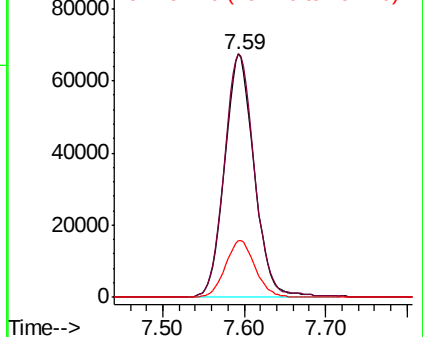
#35
 Dibromofluoromethane
 Concen: 48.208 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055616.D
 Acq: 17 May 2019 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 FM-EA-RB01-051519

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.5	123.7
192	23.5	18.7	28.1

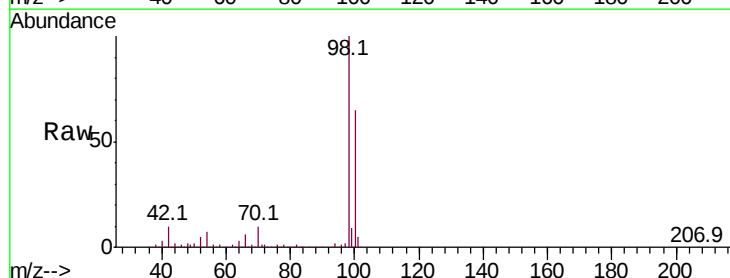


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

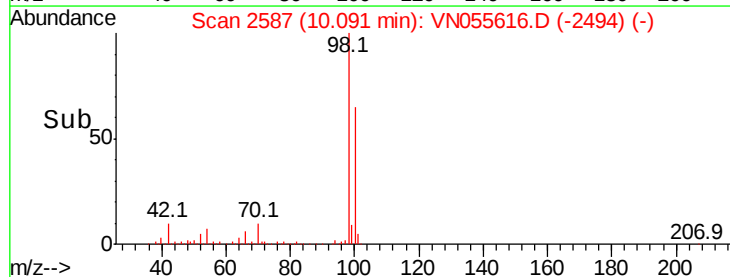
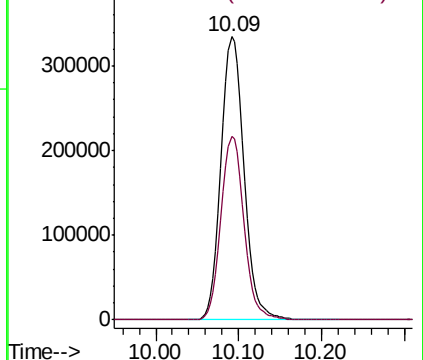


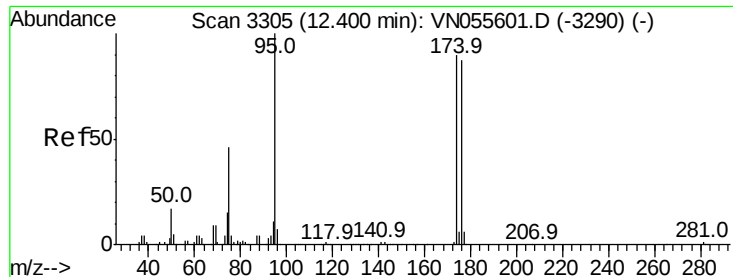
#50
 Toluene-d8
 Concen: 47.775 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN055616.D
 Acq: 17 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.707 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055616.D

Acq: 17 May 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

FM-EA-RB01-051519

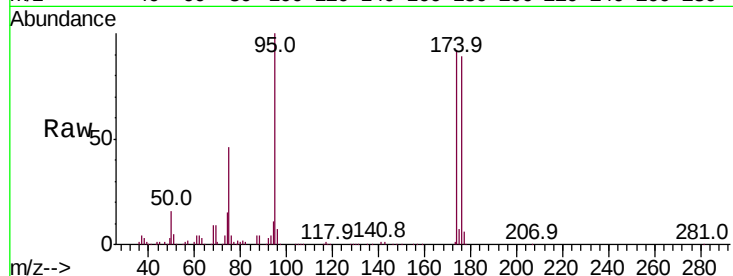
Tot Ion: 95 Resp: 198730

Ion Ratio Lower Upper

95 100

174 91.3 0.0 180.6

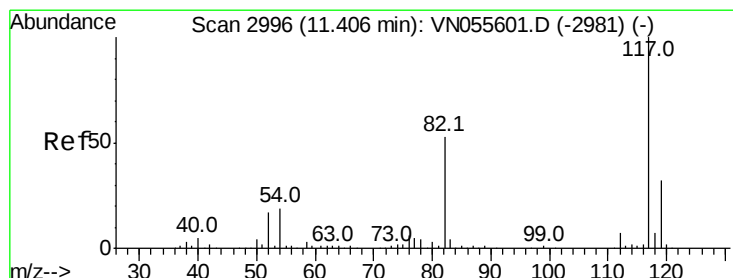
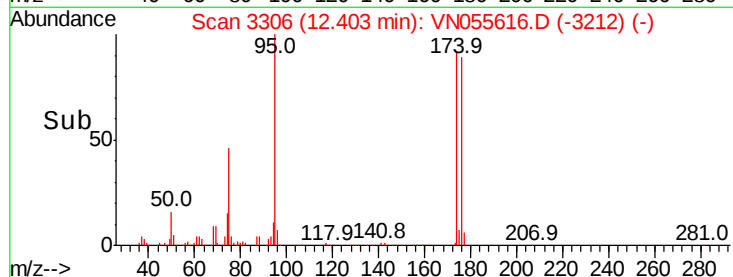
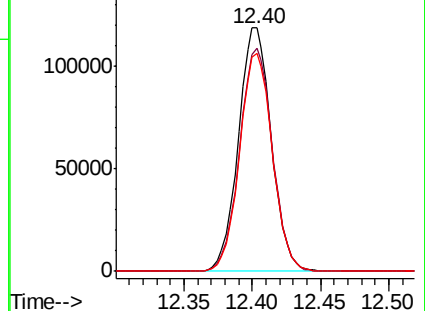
176 89.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055601.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN055601.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN055601.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055616.D

Acq: 17 May 2019 17:33

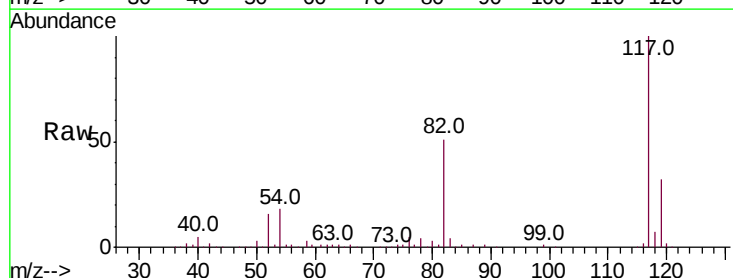
Tgt Ion: 117 Resp: 458131

Ion Ratio Lower Upper

117 100

82 51.4 42.3 63.5

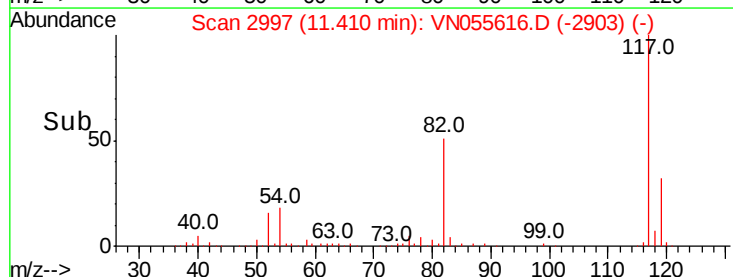
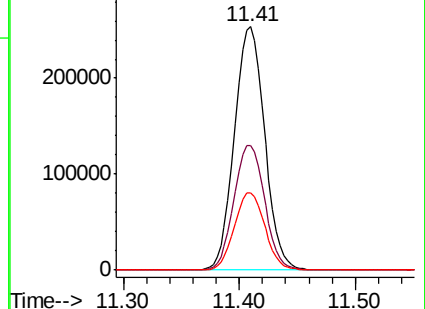
119 31.7 25.4 38.2

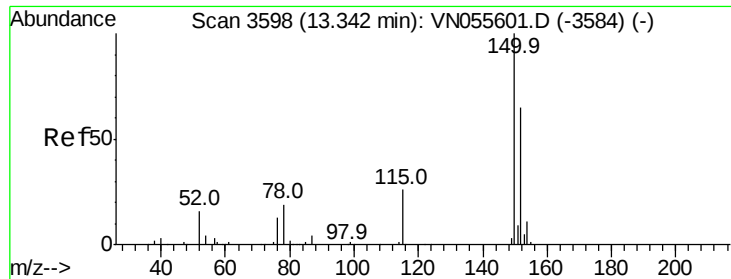


Abundance Ion 116.90 (116.60 to 117.60): VN055601.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055601.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055601.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055616.D

Acq: 17 May 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

FM-EA-RB01-051519

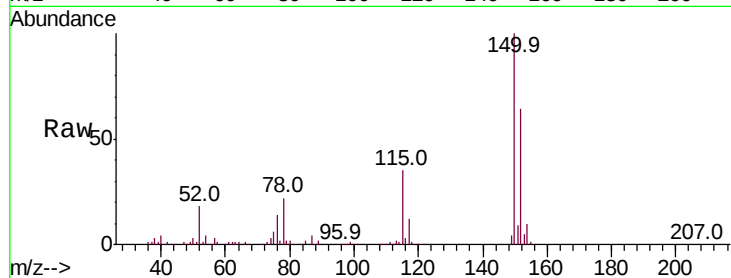
Tot Ion:152 Resp: 176438

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.2

150 155.7 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

